CLAIMS

1. A method of operating a camera system comprising the steps of:

   providing a camera system comprising a camera and a central processing unit;

   capturing a view of a subject with the camera;

   determining the cinematographic parameters of the view;

   comparing the determined cinematographic parameters to reference cinematographic parameters;

   formulating recommended camera operation based on the comparison of the determined cinematographic parameters to the reference cinematographic parameters; and

   indicating the recommended camera operation to the user.

2. The method according to claim 1 further comprising the step of effecting camera operation in accordance with the recommended camera action.

3. The method according to claim 1 wherein the providing step further comprises the step of inputting data defining the reference cinematographic parameters into the central processor.

4. The method according to claim 1 wherein the capturing step comprises the step of generating video data defining the view.

5. The method according to claim 4 further comprising the step of analyzing the video data and comparing it to the reference cinematographic parameters.

6. The method according to claim 1 wherein the determining step includes the step of measuring the length of time during which the view remains the same.

7. The method according to claim 1 wherein the comparing step comprises the step of determining the level of quality of the view based on the comparison between the determined cinematographic parameters and the reference cinematographic parameters.

8. The method according to claim 7 further comprising the step of formulating recommended camera operation that effects capture of a new view if it is determined that the quality of the captured view is below a predetermined level of quality.

9. The method according to claim 1 further comprising the step of comparing the determined length of time to a predetermined length of time.

10. The method according to claim 9 further comprising the step of formulating recommended camera operation so as to capture a new view if the determined length of time exceeds the predetermined length of time.

11. The method according to claim 1 wherein the captured view has an angle and the determined step comprises the step of determining the angle of the view.

12. The method according to claim 1 wherein the comparing step comprises comparing the determined angle of the captured view to a reference angle defined by the reference cinematographic parameters.

13. The method according to claim 11 wherein the formulating step comprises the step of formulating recommended camera operation that effects variation of the angle of the captured view.

14. A camera system, comprising:

a camera system comprising a central processing unit and a camera for capturing a view of a subject, the central processor unit being in data communication with the camera, the central processor being configured to (i) determine the cinematographic parameters of the captured view, (ii) compare the determined cinematographic parameters to reference cinematographic parameters, and (iii) formulate recommended camera operation based on the comparison of the determined cinematographic parameters to reference cinematographic parameters; and

an indicating device for indicating the recommended camera operation to the user.

15. The camera system according to claim 14 further comprising means for controlling the camera in accordance with the formulated recommended camera action.

16. An article of manufacture, comprising a computer processor usable medium having computer processor readable program code embodied therein for determining the cinematographic parameters of a view captured by a camera and formulating recommended camera operation using a camera system comprising a central processing unit and a camera for capturing a view of a subject, the central processor unit being in data communication with the camera, the central processor being configured to (i) determine the cinematic parameters of the view, (ii) compare the determined cinematic parameters to reference cinematographic parameters, and (iii) formulate recommended camera operation based on the comparison of the determined cinematographic parameters to reference cinematographic parameters, the computer processor readable program code in the article of manufacture comprising:

computer processor readable program code configured to cause the camera system to determine the cinematographic parameters of a view captured by the camera;

computer processor readable program code configured to cause the camera system to compare the determined cinematographic parameters to reference cinematographic parameters;

computer processor readable program code configured to cause the camera system to formulate recommended camera operation based on the comparison of the determined cinematographic parameters and reference cinematographic parameters; and

computer processor readable program code configured to cause the camera system to indicate the recommended camera operation to the user.